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July 10, 2017

VIA ELECTRONIC FILING

The Honorable Jocelyn G. Boyd
Chief Clerk/Administrator
Public Service Commission of South Carolina
101 Executive Center Drive, Suite 100
Columbia, South Carolina 29210

Re: Annual Review of Base Rates for Fuel Costs of Duke Energy Progress,
LLC
Docket No. 2017-1-E

Dear Ms. Boyd:

Pursuant to Order No. 2017-405 dated June 30, 2017, in the above-referenced docket, Duke Energy Progress, LLC (the "Company" or "DEP") notifies the Commission that Rider No. 39 - Adjustments for Fuel, Variable Environmental, Avoided Capacity Costs and Distributed Energy Resource Program Costs and all other retail tariffs that comply with the Commission's Order have been filed electronically in the Commission's etariff system.¹ The series number reflected on each tariff is Series 43. Included in the instant filing as Attachment A is DEP's Rate Revision Summary that highlights for each impacted tariff: (1) current rates, (2) the applicable rate adjustment approved by the Commission after inclusion of any gross receipts and regulatory fee impacts, and (3) the compliance rates after inclusion of the adjustment.

Additionally, with regard to Rider No. 39, the Company also notes that the description of Factor F_3 and its rate input R_2 , were expanded to identify the inclusion of firm natural gas transportation and storage costs as reflected in the approved rates as approved in Order No. 2017-405. Rider No. 39 was also updated to more accurately describe applicable DEP tariffs pursuant to rulings in the most recent DEP rate case in Docket No. 2016-227-E. These changes include (1) removal of references to Schedule R-TOUE which was terminated in the rate case, (2) removal of references to Plan E whose revenue credits are no longer dependent upon changes in fuel rates, and (3) replacement of references to the constant load provision under Schedule SGS-TOU with a new Schedule SGS-TOU-CLR that was approved by the Commission in that proceeding. Included as Attachment B to this filing is a red-lined version of Rider 39I, which illustrates these changes.

¹ DEP has not filed its Rider RNM, the revisions for which are the subject of DEP's Petition for Reconsideration filed with the Commission on July 7, 2017, in the above-referenced docket.

The Office of Regulatory Staff reviewed the tariffs prior to submission.

Please do not hesitate to contact me if you have any questions.

Sincerely,

A handwritten signature in blue ink, appearing to read "Rebecca Dulin". The signature is fluid and cursive, with the first name "Rebecca" being more prominent than the last name "Dulin".

Rebecca J. Dulin

Enclosures

cc w/enc: Parties of Record

Attachment A

SOUTH CAROLINA
RATE REVISION SUMMARY
UNIT PRICES

Description	41 SERIES EFFECTIVE 1/1/2017 Current Rate (1)	Rate Change (2)	GRT & Reg Fee Change (3)	Total Rate Change (4) = (2) + (3)	43 SERIES EFFECTIVE 7/1/2017 Proposed Rate (5) = (1) + (4)
Residential Service Schedule - RES					
Basic Facilities Charge	\$ 9.06				\$ 9.06
Energy Charges					
SUMMER (July-Oct Bills)	0.10509	0.00267	0.00001	0.00268	0.10777
NONSUMMER (Nov-June Bills)-1st 800 kWh	0.10509	0.00267	0.00001	0.00268	0.10777
NONSUMMER (Nov-June Bills)-over 800 kWh	0.09508	0.00267	0.00001	0.00268	0.09776
Three Phase Charge	\$ 6.00				\$ 6.00
RESIDENTIAL - R-TOUD					
Basic Facilities Charge	\$ 11.91				\$ 11.91
Demand Charges					
SUMMER (June - Sept Calendar)	\$ 5.25				\$ 5.25
NONSUMMER (Oct - May Calendar)	\$ 4.04				\$ 4.04
Energy Charges					
SUMMER On-Peak	0.07407	0.00267	0.00001	0.00268	0.07675
NONSUMMER On-Peak	0.07407	0.00267	0.00001	0.00268	0.07675
Off Peak kWh	0.05933	0.00267	0.00001	0.00268	0.06201
3 Phase Bills	\$ 6.00				\$ 6.00

SOUTH CAROLINA
RATE REVISION SUMMARY
UNIT PRICES

Description	Multiplier	41 SERIES EFFECTIVE 1/1/2017	Rate Change (2)	GRT & Reg Fee Change (3)	Total Rate Change (4) = (2) + (3)	43 SERIES EFFECTIVE 7/1/2017
		Current Rate (1)			Proposed Rate (5) = (1) + (4)	
Small General Service - SGS						
Basic Facilities Charge	0	\$ 9.91				\$ 9.91
Energy Charges						
BLOCK 1 - 1st 2,000 kwh	1	0.11742	0.00217	0.00001	0.00218	0.11960
BLOCK 2 - Additonal kWh	1	0.08382	0.00217	0.00001	0.00218	0.08600
Three Phase Charge	0	6.00				6.00
Small General Service - SGS-CLR						
Basic Facilities Charge	0	\$ 9.95				\$ 9.95
Energy Charges						
ALL KWH	1	0.07656	0.00217	0.00001	0.00218	0.07874
Three Phase Charge	0	6.00				6.00
Seasonal and Intermittent Service - SI						
Basic Facilities Charge	0	\$ 17.17				\$ 17.17
Energy Charges						
BLOCK 1 - 1st 2,000 kwh	1	0.13637	0.00217	0.00001	0.00218	0.13855
BLOCK 2 - Additonal kWh	1	0.10021	0.00217	0.00001	0.00218	0.10239
Three Phase Charge	0	\$ 6.00				\$ 6.00
Customer Seasonal Charge	0	\$ 32.25				\$ 32.25
Facilities Charge	0	\$ 1.72				\$ 1.72
Billed KVAR	0	\$ 0.30				\$ 0.30
Church and School Service - CSG						
Basic Facilities Charge	0	\$ 17.17				\$ 17.17
Energy Charges						
ALL KWH	1	0.11105	0.00217	0.00001	0.00218	0.11323
Three Phase Charge	0	\$ -				\$ -
Demand Charges Minimum Bill	0	\$ 2.95				\$ 2.95
Energy Charges Minimum Bill	1	0.03901	0.00217	0.00001	0.00218	0.04119
Billed kVar ALL	0	\$ 0.30				\$ 0.30
Church and School Service - CSE						
Basic Facilities Charge	0	\$ 17.17				\$ 17.17
Energy Charges						
ALL KWH	1	0.11105	0.00217	0.00001	0.00218	0.11323
Three Phase Charge	0	\$ 6.00				\$ 6.00
Demand Charges Minimum Bill	0	\$ 2.95				\$ 2.95
Energy Charges Minimum Bill	1	0.03901	0.00217	0.00001	0.00218	0.04119
Billed kVar ALL	0	\$ 0.30				\$ 0.30
General Service Schedule - GS						
Basic Facilities Charge	0	\$ 9.91				\$ 9.91
Energy Charges						
BLOCK 1 - First 750 kWh (Demand Extender)	1	0.12106	0.00217	0.00001	0.00218	0.12324
BLOCK 2 - Next 2,000 kWh	1	0.08331	0.00217	0.00001	0.00218	0.08549
BLOCK 3 - Additional kWh	1	0.07500	0.00217	0.00001	0.00218	0.07718
Three Phase Charge	0	\$ 6.00				\$ 6.00
Demand Charges Minimum Bill	0	\$ 2.95				\$ 2.95
Energy Charges Minimum Bill	1	\$ 0.03901	0.00217	0.00001	0.00218	0.04119
Billed kVar ALL	0	\$ 0.30				\$ 0.30
Seasonal Customer Charge ALL	0	\$ -				\$ -
Seasonal Facilities Charge ALL	0	\$ -				\$ -
Demand Charge Credit ALL	0	\$ -				\$ -
SC Fuel Tariff 43 Series.xlsm		Derivations Non-Dmd				7/5/2017

SOUTH CAROLINA
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UNIT PRICES

Description	Multiplier	41 SERIES EFFECTIVE 1/1/2017	Rate Change (2)	GRT & Reg Fee Change (3)	Total	43 SERIES EFFECTIVE 7/1/2017	
		Current Rate (1)			Rate Change (4) = (2) + (3)	Proposed Rate (5) = (1) + (4)	
Seasonal Customer Charge Credit ALL	0	\$ -				\$ -	
Traffic Signal Service - TSS							
70 Watt 16 HRS - 1 Lamp BLINKER	19	\$ 1.74	0.00217	0.00001	0.00218	\$ 1.78	
70 Watt 24 HRS - 1 Lamp BLINKER	28	\$ 2.47	0.00217	0.00001	0.00218	\$ 2.53	
150 Watt 16 HRS - 1 Lamp BLINKER	33	\$ 3.46	0.00217	0.00001	0.00218	\$ 3.53	
150 Watt 24 HRS - 1 Lamp BLINKER	49	\$ 4.68	0.00217	0.00001	0.00218	\$ 4.79	
70 Watt 16 HRS - 1 Lamp	35	\$ 2.27	0.00217	0.00001	0.00218	\$ 2.35	
70 Watt 24 HRS - 1 Lamp	51	\$ 3.14	0.00217	0.00001	0.00218	\$ 3.25	
150 Watt 16 HRS - 1 Lamp	62	\$ 4.88	0.00217	0.00001	0.00218	\$ 5.02	
150 Watt 24 HRS - 1 Lamp	92	\$ 6.96	0.00217	0.00001	0.00218	\$ 7.16	
70 Watt 16 HRS - 2 Lamps	35	\$ 2.85	0.00217	0.00001	0.00218	\$ 2.93	
70 Watt 24 HRS - 2 Lamps	51	\$ 3.93	0.00217	0.00001	0.00218	\$ 4.04	
150 Watt 16 HRS - 2 Lamps	62	\$ 6.12	0.00217	0.00001	0.00218	\$ 6.26	
150 Watt 24 HRS - 2 Lamps	92	\$ 8.41	0.00217	0.00001	0.00218	\$ 8.61	
70 Watt 16 HRS - 3 Lamps	35	\$ 3.16	0.00217	0.00001	0.00218	\$ 3.24	
70 Watt 24 HRS - 3 Lamps	51	\$ 4.17	0.00217	0.00001	0.00218	\$ 4.28	
150 Watt 16 HRS - 3 Lamps	62	\$ 6.28	0.00217	0.00001	0.00218	\$ 6.42	
150 Watt 24 HRS - 3 Lamps	92	\$ 8.74	0.00217	0.00001	0.00218	\$ 8.94	
70 Watt 16 HRS - 4 Lamps	50	\$ 4.04	0.00217	0.00001	0.00218	\$ 4.15	
70 Watt 24 HRS - 4 Lamps	75	\$ 5.42	0.00217	0.00001	0.00218	\$ 5.58	
150 Watt 16 HRS - 4 Lamps	91	\$ 8.69	0.00217	0.00001	0.00218	\$ 8.89	
150 Watt 24 HRS - 4 Lamps	135	\$ 11.99	0.00217	0.00001	0.00218	\$ 12.28	
120 Watt 16 Hour Rate Adder	11	\$ 0.83	0.00217	0.00001	0.00218	\$ 0.85	
120 Watt 24 Hour Rate Adder	16	\$ 1.06	0.00217	0.00001	0.00218	\$ 1.09	
Minimum Bill	0	\$ 9.91				\$ 9.91	
TRAFFIC SIGNAL SERVICE - TFS							
Basic Facilities Charge	0	\$ 9.91				\$ 9.91	
Energy Charges							
KWh ALL	1	0.07537	0.00217	0.00001	0.00218	0.07755	
Three Phase Charge	0	\$ 6.00				\$ 6.00	
Billed KVAR	0	\$ 0.30				\$ 0.30	

SOUTH CAROLINA
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Description	41 SERIES EFFECTIVE 1/1/2017 Current Rate (1)	Rate Change (2)	GRT & Reg Fee Change (3)	Total Rate Change (4) = (2) + (3)	43 SERIES EFFECTIVE 7/1/2017 Proposed Rate (5) = (1) + (4)
MEDIUM GENERAL SERVICE - MGS					
Basic Facilities Charge	\$ 17.17				\$ 17.17
Demand Charges					
kW ALL	\$ 5.47	0.67	0.00	\$ 0.67	\$ 6.14
Energy Charges					
kWh ALL	0.07456	(0.00019)	0.00000	(0.00019)	0.07437
Three Phase Charge	\$ 6.00				\$ 6.00
Billed KVAR	\$ 0.30				\$ 0.30
LARGE GENERAL SERVICE - LGS					
Basic Facilities Charge	\$ 98.00				\$ 98.00
Demand Charges					
Block 1 - First 5,000 kW	\$ 11.90	0.67	0.00	\$ 0.67	\$ 12.57
Block 2 - Next 5,000 kW	\$ 10.92	0.67	0.00	\$ 0.67	\$ 11.59
Block 3 - Over 10,000 kW	\$ 9.92	0.67	0.00	\$ 0.67	\$ 10.59
Energy Charges					
kWh ALL	0.05435	(0.00019)	0.00000	(0.00019)	0.05416
Transformation Discount					
Transmission Demand	\$ (0.41)	0.00	0.00	\$ -	\$ (0.41)
Transmission Energy	\$ (0.00040)	0.00000	0.00000	0.00000	\$ (0.00040)
Distribution Demand	\$ (0.33)	0.00	0.00	\$ -	\$ (0.33)
Distribution Energy	\$ (0.00005)	0.00000	0.00000	0.00000	\$ (0.00005)
Billed kVAR	\$ 0.30				\$ 0.30
LARGE GENERAL SERVICE REAL TIME PRICING - LGS-RTP					
Basic Facilities Charge	\$ 142.00				\$ 142.00
Variable Environmental Charge	\$ 0.36	0.67	0.00	\$ 0.67	\$ 1.03
Facilities Demand					
Transmission Line	\$ 0.90			\$ -	\$ 0.90
T/D Substation	\$ 1.31			\$ -	\$ 1.31
Distribution Primary	\$ 3.22			\$ -	\$ 3.22
Distribution Transformer	\$ 3.55			\$ -	\$ 3.55
SMALL GENERAL SERVICE - SGS-TOU					
Basic Facilities Charge	23.17				23.17
Demand Charges					
SUMMER (June - Sept Calendar)	\$ 10.80	0.67	0.00	\$ 0.67	\$ 11.47
NONSUMMER (Oct - May Calendar)	\$ 8.32	0.67	0.00	\$ 0.67	\$ 8.99
Off-Peak Excess	\$ 2.95				\$ 2.95
Minimum Bill	\$ 2.95				\$ 2.95
Energy Charges					
On-Peak SUMMER	0.06499	(0.00019)	0.00000	(0.00019)	0.06480
On-Peak NONSUMMER	0.06499	(0.00019)	0.00000	(0.00019)	0.06480
Off-Peak ALL	0.05164	(0.00019)	0.00000	(0.00019)	0.05145
Minimum Bill - On-peak	0.03888	(0.00019)	0.00000	(0.00019)	0.03869
Minimum Bill - Off-peak	0.03888	(0.00019)	0.00000	(0.00019)	0.03869
Billed kVAR	\$ 0.30				\$ 0.30
LARGE GENERAL SERVICE TIME OF USE - LGS-TOU					
Basic Facilities Charge	98.00				98.00
Demand Charges					
SUMMER (J - S) Block 1 - First 5,000 kW	19.07	0.67	0.00	\$ 0.67	19.74
SUMMER (J - S) Block 1 - Next 5,000 kW	18.07	0.67	0.00	\$ 0.67	18.74
SUMMER (J - S) Block 1 - Above 10,000 kW	17.07	0.67	0.00	\$ 0.67	17.74
NONSUMMER (J - S) Block 1 - First 5,000 kW	14.04	0.67	0.00	\$ 0.67	14.71
NONSUMMER (J - S) Block 1 - Next 5,000 kW	13.04	0.67	0.00	\$ 0.67	13.71

SOUTH CAROLINA
RATE REVISION SUMMARY
UNIT PRICES

Description	41 SERIES EFFECTIVE 1/1/2017		Rate Change	GRT & Reg Fee Change	43 SERIES EFFECTIVE 7/1/2017	
	Current Rate (1)				Total Rate Change (4) = (2) + (3)	Proposed Rate (5) = (1) + (4)
NONSUMMER (J - S) Block 1 - Above 10,000 kW	12.04		0.67	0.00	\$ 0.67	12.71
Off-Peak Excess	1.25					1.25
Energy Charges						
On-Peak kWh	0.05158	(0.00019)		0.00000	(0.00019)	0.05139
Off-Peak kWh	0.04658	(0.00019)		0.00000	(0.00019)	0.04639
Transformation Discount						
Transmission Demand	\$ (0.41)	0.00		0.00	\$ -	\$ (0.41)
Transmission Energy	\$ (0.00040)	0.00000		0.00000	0.00000	\$ (0.00040)
Distribution Demand	\$ (0.33)	0.00		0.00	\$ -	\$ (0.33)
Distribution Energy	\$ (0.00005)	0.00000		0.00000	0.00000	\$ (0.00005)
Billed kVAR	\$ (0.30)					\$ (0.30)
SMALL GENERAL SERVICE THERMAL ENERGY STORAGE - SGS-TES						
Basic Facilities Charge	\$ 23.17					23.17
Demand Charges						
SUMMER (June - Sept Calendar)	\$ 12.85	0.67		0.00	\$ 0.67	13.52
NONSUMMER (Oct - May Calendar)	\$ 10.36	0.67		0.00	\$ 0.67	11.03
Off-Peak Excess	\$ 2.95					2.95
Minimum Bill	\$ 2.95					2.95
Energy Charges						
On-Peak	0.05339	(0.00019)		0.00000	(0.00019)	0.05320
Off-Peak	0.05124	(0.00019)		0.00000	(0.00019)	0.05105
Minimum Bill	0.03888	(0.00019)		0.00000	(0.00019)	0.03869
Billed kVAR	\$ 0.30					\$ 0.30
CURTAILABLE LOAD - RIDER LLC						
Curtailable Credit	0	5.35				5.35
Variable Environmental credit	1	0.36	0.67	0.00	\$ 0.67	1.03
LARGE GENERAL SERVICE - CURTAILABLE - LGS-CUR-TOU						
Basic Facilities Charge	452.12					452.12
Demand Charges						
SUMMER (Jun - Sept) BLOCK 1 - 1st 5,000 kW	20.28	0.67		0.00	\$ 0.67	20.95
SUMMER (Jun - Sept) BLOCK 2 - Next 5,000 kW	19.22	0.67		0.00	\$ 0.67	19.89
SUMMER (Jun - Sept) BLOCK 3 - Above 10,000 kW	18.16	0.67		0.00	\$ 0.67	18.83
NONSUMMER (Jun - Sept) BLOCK 1 - 1st 5,000 kW	14.93	0.67		0.00	\$ 0.67	15.60
NONSUMMER (Jun - Sept) BLOCK 2 - Next 5,000 kW	13.87	0.67		0.00	\$ 0.67	14.54
NONSUMMER (Jun - Sept) BLOCK 3 - Above 10,000 kW	12.81	0.67		0.00	\$ 0.67	13.48
Curtailable Billing Demand	1.60					1.60
Energy Charges						
On-Peak kWh	0.04836	(0.00019)		0.00000	(0.00019)	0.04817
Off-Peak kWh	0.04304	(0.00019)		0.00000	(0.00019)	0.04285
Transformation Discount						
Transmission Demand	\$ (0.41)	0.00		0.00	\$ -	\$ (0.41)
Transmission Energy	\$ (0.00040)	0.00000		0.00000	0.00000	\$ (0.00040)
Distribution Demand	\$ (0.33)	0.00		0.00	\$ -	\$ (0.33)
Distribution Energy	\$ 0.00005	0.00000		0.00000	0.00000	\$ 0.00005
Billed kVAR	\$ 0.30					\$ 0.30

SOUTH CAROLINA
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UNIT PRICES

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AREA LIGHTING SERVICE - ALS						
OVERHEAD SERVICE						
SODIUM VAPOR						
9,500	46	10.31	(0.00019)	0.00000	(0.00019)	10.30
16,000	59	12.32	(0.00019)	0.00000	(0.00019)	12.31
28,500 FLOOD	109	16.06	(0.00019)	0.00000	(0.00019)	16.04
50,000	152	20.07	(0.00019)	0.00000	(0.00019)	20.04
50,000 FLOOD	168	22.57	(0.00019)	0.00000	(0.00019)	22.54
RETRO-FIT S.V.						
5800 Sod Vap	29	6.66	(0.00019)	0.00000	(0.00019)	6.65
7000 SEMI (Mer Vap)	69	7.54	(0.00019)	0.00000	(0.00019)	7.53
7000 (Mer Vap)	69	9.04	(0.00019)	0.00000	(0.00019)	9.03
9000 FLOOD (Metal Halide)	41	12.93	(0.00019)	0.00000	(0.00019)	12.92
12000	59	11.59	(0.00019)	0.00000	(0.00019)	11.58
20000 FLOOD (Metal Halide)	94	18.08	(0.00019)	0.00000	(0.00019)	18.06
21000 (Mer Vap)	149	13.36	(0.00019)	0.00000	(0.00019)	13.33
21000 FLOOD	160	16.73	(0.00019)	0.00000	(0.00019)	16.70
22000	86	12.95	(0.00019)	0.00000	(0.00019)	12.93
33000 LUMEN (Metal Halide)	133	22.95	(0.00019)	0.00000	(0.00019)	22.92
38000	135	15.20	(0.00019)	0.00000	(0.00019)	15.17
40000 FLOOD	160	23.61	(0.00019)	0.00000	(0.00019)	23.58
60000 (Mer Vap)	382	25.33	(0.00019)	0.00000	(0.00019)	25.26
60000 FLOOD	382	27.77	(0.00019)	0.00000	(0.00019)	27.70
110000 FLOOD (Metal Halide)	370	44.98	(0.00019)	0.00000	(0.00019)	44.91
LED Lighting						
LED 50	18	9.18	(0.00019)	0.00000	(0.00019)	9.18
LED 50 floodlight	18	10.76	(0.00019)	0.00000	(0.00019)	10.76
LED 75	25	9.41	(0.00019)	0.00000	(0.00019)	9.41
LED 105	35	10.93	(0.00019)	0.00000	(0.00019)	10.92
LED 130 floodlight	44	19.91	(0.00019)	0.00000	(0.00019)	19.90
LED 150	54	14.27	(0.00019)	0.00000	(0.00019)	14.26
LED 215	73	17.69	(0.00019)	0.00000	(0.00019)	17.68
LED 260 floodlight	88	34.96	(0.00019)	0.00000	(0.00019)	34.94
LED 280	101	20.84	(0.00019)	0.00000	(0.00019)	20.82
LED 420	142	52.23	(0.00019)	0.00000	(0.00019)	52.20
LED 530	179	63.37	(0.00019)	0.00000	(0.00019)	63.34
LED Lighting w/ MFC						
75 Lumen	25	7.20	(0.00019)	0.00000	(0.00019)	7.20
105 Lumen	35	10.28	(0.00019)	0.00000	(0.00019)	10.27
215 Lumen	73	15.26	(0.00019)	0.00000	(0.00019)	15.25
205 Site Lighter	69	15.28	(0.00019)	0.00000	(0.00019)	15.27
UNDERGROUND SERV.						
	0	3.77				3.77
AREA LTG. POLES						
SPECIAL WOOD	0	2.34				2.34
SPECIAL METAL	0	5.42				5.42
12-Foot Smooth Concrete Post	0	11.23				11.23
16-Foot Smooth Concrete Post	0	12.35				12.35
SQUARE METAL	0	13.65				13.65
13-Foot Fluted Concrete Post	0	16.84				16.84
Decorative 12' Post	0	20.21				20.21
Decorative 39' Pole	0	32.09				32.09
MP A 12-Ft decorative Metal Post	0	20.21				20.21
MP A 16-Ft decorative Metal Post	0	24.71				24.71
MP A Twin Mounting Bracket	0	7.50				7.50
MP A Series A Adder	0	3.00				3.00
MP A Series B Adder	0	5.00				5.00
STREET LIGHTING SERVICE - SLS						
OVERHEAD SERVICE						
SODIUM VAPOR						
9500	46	8.56	(0.00019)	0.00000	(0.00019)	8.55
16000	59	11.78	(0.00019)	0.00000	(0.00019)	11.77
28500	109	15.09	(0.00019)	0.00000	(0.00019)	15.07
50000	152	17.79	(0.00019)	0.00000	(0.00019)	17.76
RETRO-FIT S.V.						
5800 (Sod Vap)	29	6.49	(0.00019)	0.00000	(0.00019)	6.48
7000 SEMI (Mercury Vap)	69	8.64	(0.00019)	0.00000	(0.00019)	8.63
7000 (Mercury Vap)	69	9.31	(0.00019)	0.00000	(0.00019)	9.30
9000 (Metal Halide)	41	12.37	(0.00019)	0.00000	(0.00019)	12.36
12000 (Sod Vap)	59	9.94	(0.00019)	0.00000	(0.00019)	9.93
20000 (Metal Halide)	94	16.73	(0.00019)	0.00000	(0.00019)	16.71

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Description	Multiplier	41 SERIES EFFECTIVE 1/1/2017	Rate Change	GRT & Reg Fee Change	Total Rate Change (4) = (2) + (3)	43 SERIES EFFECTIVE 7/1/2017 Proposed Rate (5) = (1) + (4)
		Current Rate (1)	(2)	(3)		
21000 (Mercury Vap)	149	14.33	(0.00019)	0.00000	(0.00019)	14.30
22000 (Sod Vap)	86	12.69	(0.00019)	0.00000	(0.00019)	12.67
33000 (Metal Halide)	133	20.77	(0.00019)	0.00000	(0.00019)	20.74
38000	135	14.89	(0.00019)	0.00000	(0.00019)	14.86
40000 (Metal Halide)	160	21.11	(0.00019)	0.00000	(0.00019)	21.08
60000 (Mercury Vapor)	382	23.37	(0.00019)	0.00000	(0.00019)	23.30
110000 (Metal Halide)	370	40.59	(0.00019)	0.00000	(0.00019)	40.52
LED Lighting						
LED 50	18	9.18	(0.00019)	0.00000	(0.00019)	9.18
LED 75	25	9.41	(0.00019)	0.00000	(0.00019)	9.41
LED 105	35	10.93	(0.00019)	0.00000	(0.00019)	10.92
LED 150	54	14.27	(0.00019)	0.00000	(0.00019)	14.26
LED 215	73	17.69	(0.00019)	0.00000	(0.00019)	17.68
LED 280	101	20.84	(0.00019)	0.00000	(0.00019)	20.82
LED 420	142	52.23	(0.00019)	0.00000	(0.00019)	52.20
LED 530	179	63.37	(0.00019)	0.00000	(0.00019)	63.34
LED Lighting (w/MFC)						
75 Lumen	25	7.20	(0.00019)	0.00000	(0.00019)	7.20
105 Lumen	35	10.28	(0.00019)	0.00000	(0.00019)	10.27
215 Lumen	73	15.26	(0.00019)	0.00000	(0.00019)	15.25
205 Site Lighter	69	15.28	(0.00019)	0.00000	(0.00019)	15.27
LED Lighting (Customer Owned)						
75 Lumen	25	5.21	(0.00019)	0.00000	(0.00019)	5.21
105 Lumen	35	5.55	(0.00019)	0.00000	(0.00019)	5.54
215 Lumen	73	6.72	(0.00019)	0.00000	(0.00019)	6.71
205 Site Lighter	69	6.60	(0.00019)	0.00000	(0.00019)	6.59
UNDERGROUND SERVICE						
Monthly UG Charge	0	3.77				3.77
One-Time UG Charge	0	518.00				518.00
STREET LTG. POLES						
Wood Pole	0	1.57				1.57
Metal, Fiberglass or Post Pole	0	3.14				3.14
12-Foot Smooth Concrete Post	0	11.23				11.23
Decorative Square Metal	0	14.71				14.71
16-Foot Smooth Concrete Post	0	12.35				12.35
13-Foot Fluted Concrete Post	0	16.84				16.84
Decorative Aluminum 12' Post	0	20.21				20.21
Decorative 35' or 39' Tapered Metal Pole	0	32.09				32.09
System Metal Pole	0	1.01				1.01
Masterpiece Series A 12-Foot Decorative Post	0	20.21				20.21
Masterpiece Series A 16-Foot Decorative Post	0	24.71				24.71
Masterpiece Series A Twin Mounting Bracket	0	7.50				7.50
Masterpiece Series A Adder	0	3.00				3.00
Masterpiece Series B Adder	0	5.00				5.00
STREET LGT. RESIDENTIAL - SLR						
OVERHEAD SERVICE						
BRACKET ON WOOD POLE						
1 PER 10 CUST.						
7000 M.V.	5.75	1.20	(0.00019)	0.00000	(0.00019)	1.20
9500 S.V.	5.75	1.20	(0.00019)	0.00000	(0.00019)	1.20
LED 50	1.80	1.23	(0.00019)	0.00000	(0.00019)	1.23
12,000 S.V.	5.75	1.34	(0.00019)	0.00000	(0.00019)	1.34
1 PER 5 CUST.						
7000 M.V.	11.5	2.35	(0.00019)	0.00000	(0.00019)	2.35
9500 S.V.	11.5	2.35	(0.00019)	0.00000	(0.00019)	2.35
LED 50	3.60	2.39	(0.00019)	0.00000	(0.00019)	2.39
12,000 S.V.	11.5	2.62	(0.00019)	0.00000	(0.00019)	2.62
1 PER 3 CUST.						
7000 M.V.	19.17	3.92	(0.00019)	0.00000	(0.00019)	3.92
9500 S.V.	19.17	3.92	(0.00019)	0.00000	(0.00019)	3.92
LED 50	6.00	4.01	(0.00019)	0.00000	(0.00019)	4.01
UNDERGROUND SERVICE						
BRACKET ON WOOD POLE						
1 PER 10 CUST.						
7000 M.V.	5.75	1.77	(0.00019)	0.00000	(0.00019)	1.77
9500 S.V.	5.75	1.77	(0.00019)	0.00000	(0.00019)	1.77
LED 50	1.80	1.81	(0.00019)	0.00000	(0.00019)	1.81
12,00 S.V.	5.75	1.91	(0.00019)	0.00000	(0.00019)	1.91
1 PER 5 CUST.						

SOUTH CAROLINA
RATE REVISION SUMMARY
UNIT PRICES

Description	Multiplier	41 SERIES EFFECTIVE 1/1/2017	Rate Change	GRT & Reg Fee Change	Total Rate Change (4) = (2) + (3)	43 SERIES EFFECTIVE 7/1/2017 Proposed Rate (5) = (1) + (4)
		Current Rate (1)	(2)	(3)		
7000 M.V.	11.5	3.53	(0.00019)	0.00000	(0.00019)	3.53
9500 S.V.	11.5	3.53	(0.00019)	0.00000	(0.00019)	3.53
LED 50	3.60	3.57	(0.00019)	0.00000	(0.00019)	3.57
12,00 S.V.	11.5	3.80	(0.00019)	0.00000	(0.00019)	3.80
1 PER 3 CUST.						
7000 M.V.	19.17	5.89	(0.00019)	0.00000	(0.00019)	5.89
9500 S.V.	19.17	5.89	(0.00019)	0.00000	(0.00019)	5.89
LED 50	6.00	5.97	(0.00019)	0.00000	(0.00019)	5.97
BRACKET ON METAL POLE						
1 PER 10 CUST.						
7000 M.V.	5.75	1.93	(0.00019)	0.00000	(0.00019)	1.93
9500 S.V.	5.75	1.93	(0.00019)	0.00000	(0.00019)	1.93
LED 50	1.80	1.97	(0.00019)	0.00000	(0.00019)	1.97
LED 50 (Post-top fixture)	1.80	2.63	(0.00019)	0.00000	(0.00019)	2.63
12,00 S.V.	5.75	2.07	(0.00019)	0.00000	(0.00019)	2.07
1 PER 6 CUST.						
7000 M.V.	9.58	3.18	(0.00019)	0.00000	(0.00019)	3.18
9500 S.V.	9.58	3.18	(0.00019)	0.00000	(0.00019)	3.18
LED 50	3.00	3.22	(0.00019)	0.00000	(0.00019)	3.22
LED 50 (Post-top fixture)	3.00	4.30	(0.00019)	0.00000	(0.00019)	4.30
12,000 S.V.	9.58	3.40	(0.00019)	0.00000	(0.00019)	3.40
1 PER 3 CUST.						
7000 M.V.	19.17	6.42	(0.00019)	0.00000	(0.00019)	6.42
9500 S.V.	19.17	6.42	(0.00019)	0.00000	(0.00019)	6.42
LED 50	6.00	6.51	(0.00019)	0.00000	(0.00019)	6.51
LED 50 (Post-top fixture)	6.00	8.69	(0.00019)	0.00000	(0.00019)	8.69
POST MOUNTED						
1 PER 6 CUST.						
7000 M.V.	9.58	3.18	(0.00019)	0.00000	(0.00019)	3.18
9500 S.V.	9.58	3.18	(0.00019)	0.00000	(0.00019)	3.18
LED 50	3.00	3.22	(0.00019)	0.00000	(0.00019)	3.22
LED 50 (Post-top fixture)	3.00	4.30	(0.00019)	0.00000	(0.00019)	4.30
12,000 S.V.	9.58	3.40	(0.00019)	0.00000	(0.00019)	3.40
1 PER 3 CUST.						
7000 M.V.	19.17	6.42	(0.00019)	0.00000	(0.00019)	6.42
9500 S.V.	19.17	6.42	(0.00019)	0.00000	(0.00019)	6.42
LED 50	6.00	6.51	(0.00019)	0.00000	(0.00019)	6.51
LED 50 (Post-top fixture)	6.00	8.69	(0.00019)	0.00000	(0.00019)	8.69
12000 Retrofit Sodium						
1 per 10 Customers	-1	0.14	(0.00019)	0.00000	(0.00019)	0.14
1 per 5 Customers	-2	0.27	(0.00019)	0.00000	(0.00019)	0.27
1 per 6 Customers	-1.666666667	0.22	(0.00019)	0.00000	(0.00019)	0.22
Underground Only Charge						
1 per 10 Customers Wood 7,000		0.32	(0.00019)	0.00000	(0.00019)	0.32
1 per 10 Customers Wood 9,500		0.43	(0.00019)	0.00000	(0.00019)	0.43
1 per 10 Customers Wood LED 50		0.47	(0.00019)	0.00000	(0.00019)	0.47
1 per 10 Customers Post, Fiberglass or Metal 7,000		0.37	(0.00019)	0.00000	(0.00019)	0.37
1 per 10 Customers Post, Fiberglass or Metal 9,500		0.53	(0.00019)	0.00000	(0.00019)	0.53
1 per 10 Customers Post, Fiberglass or Metal LED 50		0.46	(0.00019)	0.00000	(0.00019)	0.46
1 per 5 Customers Wood 7,000		0.59	(0.00019)	0.00000	(0.00019)	0.59
1 per 5 Customers Wood 9,500		0.80	(0.00019)	0.00000	(0.00019)	0.80
1 per 5 Customers Wood LED 50		0.93	(0.00019)	0.00000	(0.00019)	0.93
1 per 6 Customers Post, Fiberglass or Metal 7,000		0.64	(0.00019)	0.00000	(0.00019)	0.64
1 per 6 Customers Post, Fiberglass or Metal 9,500		0.91	(0.00019)	0.00000	(0.00019)	0.91
1 per 6 Customers Post, Fiberglass or Metal LED 50		0.76	(0.00019)	0.00000	(0.00019)	0.76
1 per 3 Customers Wood 7,000		0.69	(0.00019)	0.00000	(0.00019)	0.69
1 per 3 Customers Wood 9,500		0.95	(0.00019)	0.00000	(0.00019)	0.95
1 per 3 Customers Wood LED 50		1.56	(0.00019)	0.00000	(0.00019)	1.56
1 per 3 Customers Post, Fiberglass or Metal 7,000		0.75	(0.00019)	0.00000	(0.00019)	0.75
1 per 3 Customers Post, Fiberglass or Metal 9,500		1.06	(0.00019)	0.00000	(0.00019)	1.06
1 per 3 Customers Post, Fiberglass or Metal LED 50		1.54	(0.00019)	0.00000	(0.00019)	1.54
SPORTS FIELD SERVICE - SFLS						
Basic Facilities Charge	0	\$ 17.17				\$ 17.17
BILLING KW	0	\$ 1.27			0.00000	\$ 1.27
KWH	1	0.06933	(0.00019)	0.00000	(0.00019)	0.06914

RIDER NO. ~~391~~39J

ADJUSTMENT FOR FUEL, VARIABLE ENVIRONMENTAL, AVOIDED CAPACITY COSTS AND DISTRIBUTED ENERGY RESOURCE PROGRAM COSTS

APPLICABILITY

These adjustments are applicable to and are a part of the Utility's South Carolina retail electric rate schedules.

The cost of fuel shall be recovered from Company's customers through a charge billed on a kilowatt-hour ("kWh") basis in an amount rounded to the nearest thousandth of a cent. The variable environmental cost, avoided capacity cost of Public Utilities Regulatory Policies Act of 1978 ("PURPA") purchased power, and Distributed Energy Resource Program ("DERP") avoided cost shall be recovered from each Customer Class through a charge rounded to the nearest thousandth of a cent when billed on a kWh basis and rounded to the nearest cent when billed on a kilowatt ("kW") basis. Such charges shall be determined by the following formulas, and will be included in the base rates to the extent determined reasonable and proper by the Public Service Commission of South Carolina ("Commission"):

$$F_1 = \left(\left(\frac{H}{S} \right) * S_1 \right) + \frac{G}{S_1}$$

$$F_2 = \frac{R_1 + G_2}{S_2}$$

$$F_3 = \frac{R_2 + G_3}{S_2}$$

$$F_4 = \frac{R_3 + G_4}{S_2}$$

Where:

F_1 = Fuel cost per kWh included in base rate, rounded to the nearest thousandth of a cent.

H = Total projected system fuel costs:

- (A) Fuel consumed in the Company's own plants and the Company's share of fuel consumed in jointly owned or leased plants. The cost of fossil fuel shall include no items other than those listed in Account 151 of the Commission's Uniform System of Accounts for Public Utilities and Licensees. The cost of nuclear fuel shall be that as shown in Account 518 excluding rental payments on leased nuclear fuel and except that, if Account 518 also contains any expense for fossil fuel which has already been included in the cost of fossil fuel, it shall be deducted from this account.

Plus

- (B) Fuel costs related to purchased power such as those incurred in unit power and limited term power purchases where the fossil fuel costs associated with energy purchased are identifiable and are identified in the billing statement. Also the cost of "firm generation capacity purchases," which are defined as purchases made to cure a capacity deficiency or to maintain adequate reserve levels. Costs of "firm generation capacity purchases" includes the total delivered costs of firm generation capacity purchased and excludes generation capacity reservation charges, generation capacity option charges and any other capacity charges.

Plus

- (C) Fuel costs related to purchased power (including transmission charges), such as short term, economy and other such purchases, where the energy is purchased on an economic dispatch basis, including the total delivered cost of economy purchases of electric power defined as purchases made to displace higher cost generation at a cost which is less than the Company's avoided variable costs for the generation of an equivalent quantity of electric power.

Plus

- (D) Avoided energy costs purchased under PURPA rates.

Energy receipts that do not involve money payments such as Diversity energy and payback of storage energy are not defined as purchased or interchange power relative to this fuel calculation.

Minus

- (E) The cost of fuel and applicable allowance cost recovered through intersystem sales including the fuel costs related to economy energy sales and other energy sold on an economic dispatch basis.

Energy deliveries that do not involve billing transactions such as Diversity energy and payback of storage are not defined as sales relative to this fuel calculation.

- S = Projected system kWh sales excluding any intersystem sales.
- G = Cumulative difference between jurisdictional fuel revenues billed and fuel expenses for the period ending the last day of the month preceding the projected period utilized in H and S.
- S₁ = Projected jurisdictional kWh sales for the period covered by the fuel costs included in H.
- F₂ = Variable environmental cost expressed on either a per kWh or kW basis and recoverable in base rate, rounded to the nearest one-thousandth of a cent if recovered on a kWh basis or cent if recovered on a kW basis.
- R₁ = The projected allocated cost of ammonia, lime, limestone, urea, dibasic acid and catalysts consumed in reducing or treating emissions recorded in FERC Account 502 plus the projected allocated cost of SO₂ and NO_x emission allowances, mercury and particulates recorded in FERC Account 509, minus such costs recovered through intersystem sales.
- G₂ = The allocated cumulative difference between jurisdictional variable environmental revenues billed for component R₁ and variable environmental costs incurred for component R₁ for the period ending the last day of the month preceding the projected period utilized in R₁ and S₂.
- F₃ = PURPA purchased power avoided capacity and firm natural gas transportation and storage gas pipeline capacity costs expressed on either a per kWh or kW basis and recoverable in base rate, rounded to the nearest thousandth of a cent if recovered on a kWh basis or cent if recovered on a kW basis.
- R₂ = The projected avoided capacity cost purchased under PURPA rates and firm natural gas transportation and storage fixed gas pipeline transportation, storage and lease costs recorded in FERC Account 547.
- G₃ = The allocated cumulative difference between jurisdictional PURPA purchased power avoided capacity revenues billed for component R₂, and PURPA Purchase Power avoided capacity costs incurred for component R₂ for the period ending the last day of the month preceding the projected period utilized in R₂ and S₂.
- F₄ = DERP avoided energy and capacity cost expressed on either a per kWh or kW basis and recoverable in base rates, rounded to the nearest thousandth of a cent if recovered on a kWh basis or cent if recovered on a kW basis.
- R₃ = The projected avoided energy and capacity cost under DERP.
- G₄ = The allocated cumulative difference between jurisdictional DERP avoided energy and capacity revenues billed for component R₃, and DERP avoided energy and capacity costs incurred for component R₃ for the period ending the last day of the month preceding the projected period utilized in R₃ and S₂.
- S₂ = Each schedule and rider shall be assigned to the Customer Class shown in the table below for recovery of variable environmental cost and PURPA purchased power avoided capacity cost on either a kWh or kW basis. For schedules and riders to be recovered on a kWh basis, S₂ shall be the projected jurisdictional Customer Class kWh sales for the period covered by the variable environmental, PURPA purchased avoided capacity costs and DERP avoided energy and capacity costs included in R₁, R₂ and R₃. For schedules and riders to be recovered on a kW basis, S₂ shall be the projected jurisdictional Customer Class Firm kW demand billing units for the period covered by the variable environmental costs, PURPA purchased power avoided capacity cost and DERP avoided energy and capacity costs included in R₁, R₂, and R₃. The Firm billing demand units shall include the on-peak billing demands only for customers served under time-of-use schedules and firm billing demands only for customers served under curtailable tariffs.

The appropriate revenue-related tax factor is to be included in these calculations.

CUSTOMER CLASS FUEL RATES PER KWH AND KW

The fuel cost as determined by the Commission for each Customer Class is as shown in the following table, which shall remain in effect until superseded by a subsequent Commission order; provided that the terms of S.C. Code Ann. § 58-27-865 (2015) shall govern this calculation, and in case of any conflict this statute shall control.

Customer Class	Applicable Rate Schedules	F ₁ Rate	F ₂ Rate	F ₃ Rate	F ₄ Rate	Total (F)
Residential	RES, and R-TOUD, R-TOUE and Plan E**	2.2462.227 ¢/kWh	0.0420.035 ¢/kWh	0.1820.475 ¢/kWh	0.000¢/kWh	2.4702.737 ¢/kWh
General Service (non-demand)	SGS, SGS-TOU* , SI, TSS, TFS, SGS-TOU-CLR, and CSG, CSE, and GS, TSS and TFS	2.2292.210 ¢/kWh	0.0310.024 ¢/kWh	0.1280.371 ¢/kWh	0.000¢/kWh	2.3882.605 ¢/kWh
General Service (demand) <i>(applicable only to firm billing)</i>	MGS, SGS-TOU*, SGS-TES, LGS, LGS-TOU, LGS-RTP, and LGS-CUR-TOU and Rider SS	2.2292.210 ¢/kWh	\$0.060.07 /kW	\$0.390.96 /kW	0.00¢/kW	2.2292.210 ¢/kWh plus \$0.361.03 /kW

demands)						
Lighting	ALS, SLS, SLR, and SFLS	2.2292.210 ¢/kWh	0.000¢/kWh	0.000¢/kWh	0.000¢/kWh	2.2292.210 ¢/kWh

* ~~Customers billed under the constant load provision of Schedule SGS TOU shall be billed in accordance with the General Service (non-demand) Customer Class.~~

~~** The Revenue Credit stated in Line Extension Plan E for the residential class reflects the residential Fuel Rate (F₁), Variable Environmental Rate (F₂), Avoided Capacity Rate (F₃) and DERP Avoided Cost Rate (F₄). The Revenue Credit applicable to all other classes reflects the general service (non-demand) F₁, F₂, F₃ and F₄ Rates.~~

The fuel cost F as determined by SCPSC Order No. ~~2016-4562017-405~~ for the period July 201~~67~~ through June 201~~78~~ is ~~2.4702.737~~ cents per kWh for residential customers, ~~2.3882.605~~ cents per kWh for general service (non-demand) customers, ~~2.2292.210~~ cents per kWh plus \$~~0.361.03~~ per kW for general service (demand) customers and ~~2.2292.210~~ cents per kWh for lighting customers.

DERP CHARGE PER ACCOUNT

All billings for electric service are subject to a monthly DERP charge which is not included in schedule charges and shall apply to each agreement for service covered under this Rider. The DERP Charge recovers incremental program cost to promote the installation in South Carolina of renewable energy resources including solar photovoltaic; solar thermal; wind powered; hydroelectric; geothermal; tidal or wave energy; recycling resource; hydrogen fueled or combined heat and power derived from renewable resources; and biomass fueled generation source of energy. This charge is adjusted annually, pursuant to S.C. Code Ann. § 58-39-140 (2015), as ordered by the Commission. The DERP Charge also shall include the cumulative difference between jurisdictional DERP monthly charges billed and incremental DERP expenses for the period ending the last day of the month preceding the projected period utilized in development of the DERP Monthly Charge.

FIXED MONTHLY RIDER 39 CHARGE

Revenue Class	Fixed Monthly Charge (\$/month)
Residential	\$0.351.00
Commercial/Public Streets and Highways	\$0.702.90
Industrial/Public Authority	\$62.84100.00

* The Fixed Monthly Charge, shown above, includes a South Carolina regulatory fee and gross receipts taxes.

For purposes of the applicability of the DERP Charge, a "Customer" is defined as all accounts (metered and unmetered) serving the same customer of the same revenue classification located on the same or contiguous properties. If a customer has accounts which serve in an auxiliary role to a main account on the same premises, no DERP charge should apply to the auxiliary accounts, regardless of their revenue classification. Upon written notification from Customer, accounts meeting these criteria shall be coded in the billing system to allow Customer to receive only one monthly DERP charge for all identified accounts.

Supersedes Rider No. ~~39H39I~~

Effective for bills rendered on and after July 1, ~~20162017~~

SCPSC Docket No. ~~2016-1-E2017-001-E~~, Order No. ~~2016-4562017-405~~